

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to the applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Steven Fischman on 10/29/2009.
3. Please amend claim 34 as follows:

Claim 34: A method of distributing work through a cluster of workstations for efficient distributed processing, said cluster having a plurality of workstations interconnected over a network, the method comprising:

Receiving a work request at a first processing node;

Classifying, at said first processing node, the work request into one or more tasks;

Assigning said one or more tasks to one or more router queues associated with respective router devices at said first processing node, wherein a router device ~~for receiving and distributing~~ receives and distributes a specific task of a particular class of

work in its associated router queue, each said router queue associated with a work task at a different phases of completion ~~to flow through said cluster of workstations;~~

Dispatching said assigned one or more tasks by the router device for execution at a workstation at a second processing node having an execution module residing therein, the execution module at said second processing node comprising one or more initiators for instantiating one or more objects to execute the one or more work tasks a ~~respective work task~~, said initiators dynamically registering with the router device a ~~router~~ to indicate readiness to accept work for processing, said objects instantiated by an one of the initiators with a generic class name passed to the initiator by said router device but having a different implementation specific to ~~a~~ the second processing node in which said initiator resides to enable use of system specific resources and enable a single version of an application to run on each node; and,

Upon completion of said ~~respective one or more work~~ tasks, each said one or more initiators providing to said respective router devices the completed work task at said first processing node and providing system specific statistic data associated with said initiator; and,

Computing performance statistics of a the one or more [for the] router queues and said one or more initiators, a performance statistic including a total response time from dispatch of ~~a work~~ the one or more work tasks from ~~that~~ the router queue at said first processing node to an initiator at said second processing node, and the receipt of the completed work task at the router queue from that initiator at said second processing node, said total response time used to determine the performance of ~~an~~ the

one or more ~~[[of the]]~~ initiators and categorize the initiators performance for determining said one or more initiators best suited to execute said one or more tasks; and,

Queuing ready initiators at a respective router device based on said categorized initiator performance, wherein said best performing ready initiators are given priority for receiving new tasks from ~~[[a]]~~ the respective router device.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MengYao Zhe whose telephone number is 571-272-6946. The examiner can normally be reached on Monday Through Friday, 10:00 - 8:00 EST. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached at 571-272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

/MengYao Zhe/

/Meng-Ai An/

Supervisory Patent Examiner, Art Unit 2195